

SMM-20

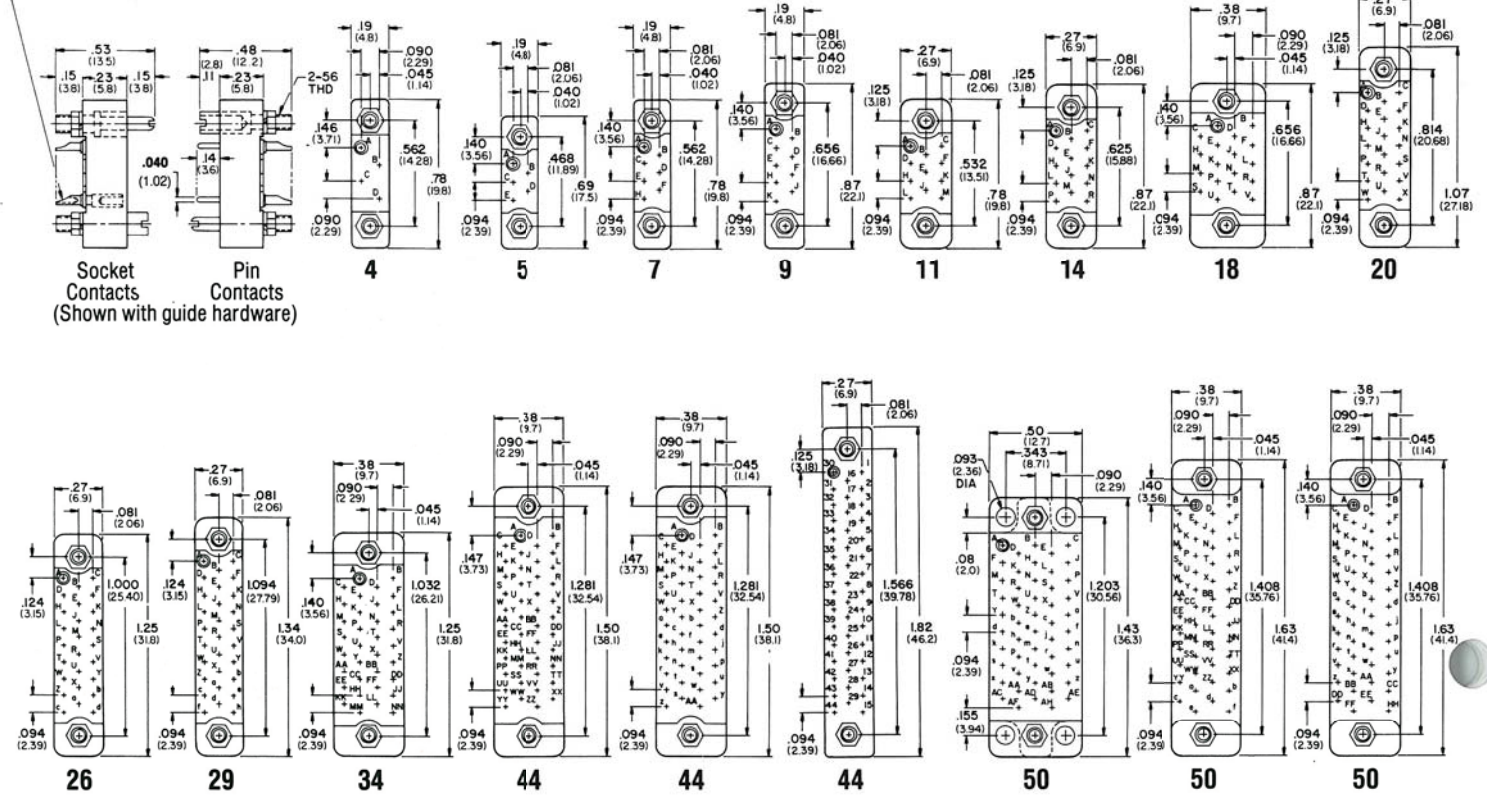
MICRO-MINIATURE RECTANGULAR CONNECTORS

SMALLEST CONNECTOR AVAILABLE FOR NO. 20 AWG WIRE SIZE 20 CONTACTS

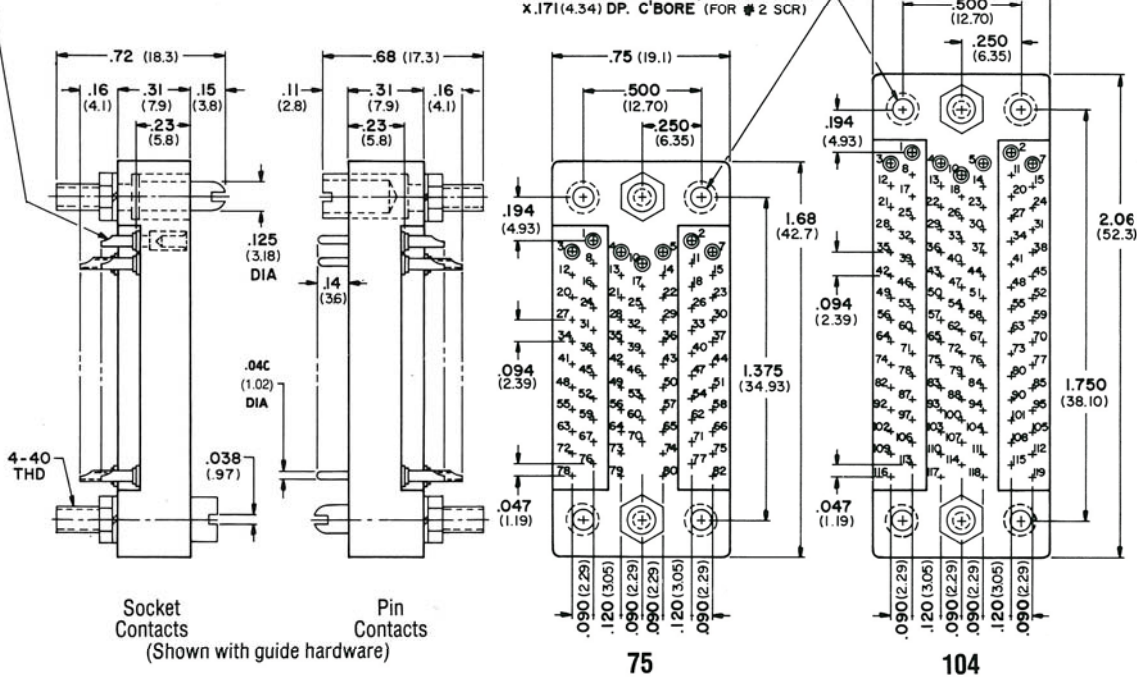
4, 5, 7, 9, 11, 14, 18, 20, 26,
34, 44, 50, 75, 104 CONTACTS

Series SMM-20 is described more comprehensively in our
"Micro-Miniature Rectangular Connectors Series SMM-20"
brochure

SEE "AVAILABLE TERMINALS"

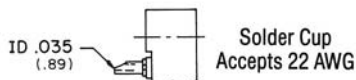


SEE "AVAILABLE TERMINALS"

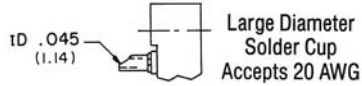


Views are wiring sides of pin contact connectors

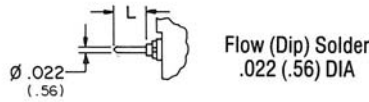
TERMINALS



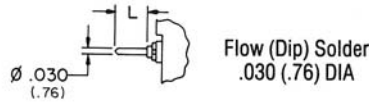
Solder Cup
Accepts 22 AWG



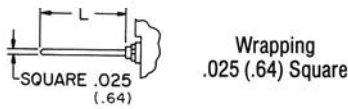
Large Diameter
Solder Cup
Accepts 20 AWG



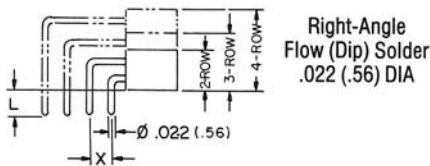
Flow (Dip) Solder
.022 (.56) DIA



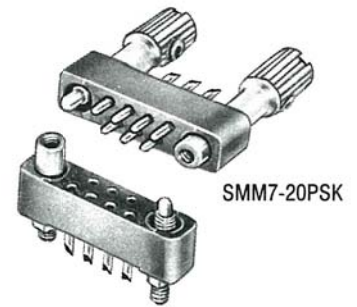
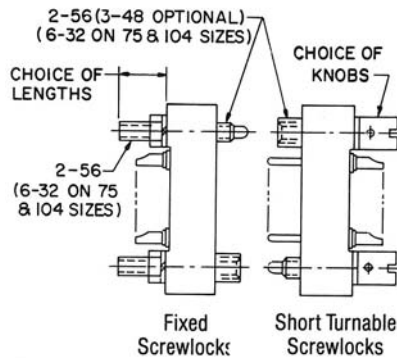
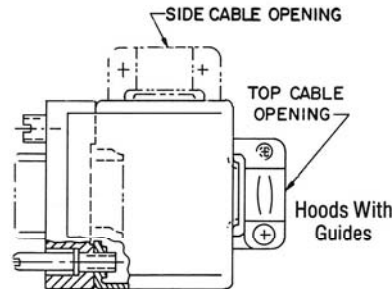
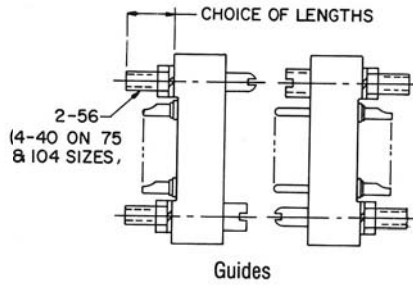
Flow (Dip) Solder
.030 (.76) DIA



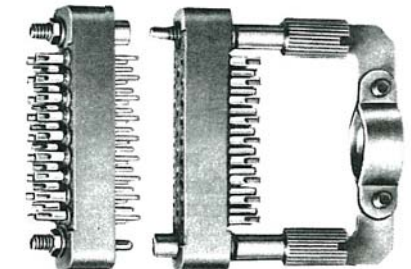
Wrapping
.025 (.64) Square



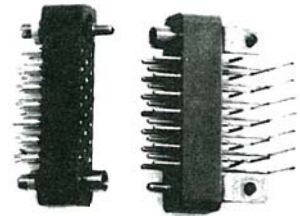
HARDWARE



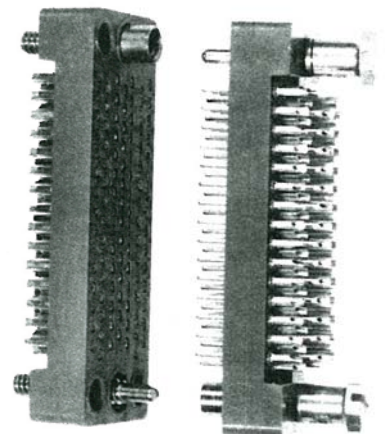
CSMM7-20SS



SMM29-20PS CSMM29-20SSK-B88



CSMM20-20SSL SMM20-20PD9104S-MB



CSMM104-20SS SMM104-20PSK

MATERIALS & FINISHES

Molded inserts: Glass fiber reinforced diallyl phthalate per MIL-M-14, type GDI-30F, green.
Pin contact material: Brass per QQ-B-626

Socket contact material: Brass body per QQ-B-626; beryllium copper pressure member per QQ-C-533.
Contact finish: Gold plate per MIL-G-45204, type I, grade C, class as required by customer, over a suitable underplate.

Accessories (hardware, hoods, brackets): Contact factory.

PERFORMANCE CHARACTERISTICS

Voltages, breakdown (Sea level): 1,800 volts rms, 60 Hz.

Voltages, test (Sea level): 1,300 volts rms, 60 Hz.

Contact size: No. 20, 0.040" (1.02mm) diameter.

Wire size accommodated: No. 22 AWG; No. 20 AWG for large diameter solder cup.

Current rating: 7.5 amperes maximum per contact.

Insulation resistance: 5,000 megohms minimum.

Operating temperature: -65°C to +125°C.

Connectors meet all other requirements of MIL-C-28748 for contact size 20 (electrical, mechanical, environmental) when supplied with MIL-SPEC approved materials and finishes.

